



IFWP

RAW SEQUENCE LISTING

DATE: 07/13/2006

PATENT APPLICATION: US/10/584,960

TIME: 09:24:03

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Output Set: N:\CRF4\07132006\J584960.raw

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3 <110> APPLICANT: The University of North Carolina
4   Threadgill, David W
5   Lee, Daekee
7 <120> TITLE OF INVENTION: MODULATION OF EPIDERMAL GROWTH FACTOR HETERODIMER ACTIVITY
9 <130> FILE REFERENCE: 421/99 PCT/US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/584,960
C--> 11 <141> CURRENT FILING DATE: 2006-06-30
11 <150> PRIOR APPLICATION NUMBER: US 60/545,185
12 <151> PRIOR FILING DATE: 2004-02-17
14 <150> PRIOR APPLICATION NUMBER: PCT/US2005/004968
15 <151> PRIOR FILING DATE: 2005-02-17
17 <160> NUMBER OF SEQ ID NOS: 21
19 <170> SOFTWARE: PatentIn version 3.3
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 5616
23 <212> TYPE: DNA
24 <213> ORGANISM: Homo sapiens
27 <220> FEATURE:
28 <221> NAME/KEY: CDS
29 <222> LOCATION: (247)..(3879)
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38 gcacggcccc ctgactccgt ccagtattga tcgggagagc cggagcgagc tcttcgggga      240
40 gcagcg atg cga ccc tcc ggg acg gcc ggg gca gcg ctc ctg gcg ctg      288
41   Met Arg Pro Ser Gly Thr Ala Gly Ala Ala Leu Leu Ala Leu
42     1           5           10
44 ctg gct gcg ctc tgc ccg gcg agt cgg gct ctg gag gaa aag aaa gtt      336
45 Leu Ala Ala Leu Cys Pro Ala Ser Arg Ala Leu Glu Glu Lys Lys Val
46 15           20           25           30
48 tgc caa ggc acg agt aac aag ctc acg cag ttg ggc act ttt gaa gat      384
49 Cys Gln Gly Thr Ser Asn Lys Leu Thr Gln Leu Gly Thr Phe Glu Asp
50           35           40           45
52 cat ttt ctc agc ctc cag agg atg ttc aat aac tgt gag gtg gtc ctt      432
53 His Phe Leu Ser Leu Gln Arg Met Phe Asn Asn Cys Glu Val Val Leu
54           50           55           60
56 ggg aat ttg gaa att acc tat gtg cag agg aat tat gat ctt tcc ttc      480
57 Gly Asn Leu Glu Ile Thr Tyr Val Gln Arg Asn Tyr Asp Leu Ser Phe
58           65           70           75
60 tta aag acc atc cag gag gtg gct ggt tat gtc ctc att gcc ctc aac      528
61 Leu Lys Thr Ile Gln Glu Val Ala Gly Tyr Val Leu Ile Ala Leu Asn
62     80           85           90

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69 Met Tyr Tyr Glu Asn Ser Tyr Ala Leu Ala Val Leu Ser Asn Tyr Asp
70          115          120          125
72 gca aat aaa acc gga ctg aag gag ctg ccc atg aga aat tta cag gaa      672
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81 Val Glu Ser Ile Gln Trp Arg Asp Ile Val Ser Ser Asp Phe Leu Ser
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85 Asn Met Ser Met Asp Phe Gln Asn His Leu Gly Ser Cys Gln Lys Cys
86 175          180          185          190
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90          195          200          205
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120 gag gaa gac ggc gtc cgc aag tgt aag aag tgc gaa ggg cct tgc cgc      1248
121 Glu Glu Asp Gly Val Arg Lys Cys Lys Lys Cys Glu Gly Pro Cys Arg
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185	Gly	Pro	Asp	Asn	Cys	Ile	Gln	Cys	Ala	His	Tyr	Ile	Asp	Gly	Pro	His	
186	575					580					585				590		
188	tgc	gtc	aag	acc	tgc	ccg	gca	gga	gtc	atg	gga	gaa	aac	aac	acc	ctg	2064
189	Cys	Val	Lys	Thr	Cys	Pro	Ala	Gly	Val	Met	Gly	Glu	Asn	Asn	Thr	Leu	
190					595					600					605		
192	gtc	tgg	aag	tac	gac	gcc	ggc	cat	gtg	tgc	cac	ctg	tgc	cat	cca		2112
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206	655															660		665															670																														
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210	675															680		685																																													
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236	acc	tcc	acc	gtg	cag	ctc	atc	acg	cag	ctc	atg	ccc	ttc	ggc	tgc	ctc	2640																																														
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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date